

MICRON.172A



PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|----------------|-------------------------------|---|
| Applicant(s) : | Ammar Deraa, Sujit Sharan and |) |
| | Paul Castrovillo |) |
| | |) |
| App. No. : | 09/945065 |) |
| | |) |
| Filed : | August 30, 2001 |) |
| | |) |
| For : | METAL SILICIDE ADHESION |) |
| | LAYER FOR CONTACT |) |
| | STRUCTURES |) |
| | |) |
| Examiner : | Unknown |) |

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, Michael L. Lynch, Reg. No. 30,871 and Charles B.

App. No. : Unknown
Filed : Herewith

Bratnley, Reg. No. 38,086, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

MICRON TECHNOLOGY, INC.

Dated: March 20, 2002

By:



Roderic W. Lewis

Title: Vice President of Legal Affairs,
General Counsel and Corporate Secretary

Address: 8000 S. Federal Way
Boise, Idaho 83707

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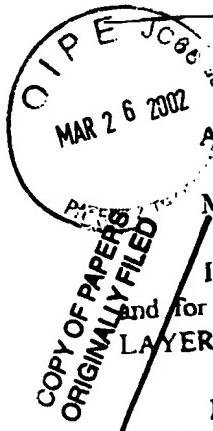
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From KNOBBE MARTINS OLSON and BEAR

T-348 P.008/008 F-328

Attorney's Docket No. MICRON.172A

Page 1



DECLARATION - USA PATENT APPLICATION
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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METAL SILICIDE ADHESION LAYER FOR CONTACT STRUCTURES; the specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Ammar Deraa

Inventor's signature

Date 10/31/01

Residence: 1097 Melrose Street, #225, Boise, ID 83706

Citizenship:

Post Office Address: 1097 Melrose Street, #225, Boise, ID 83706

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From-KNOBBE MARTENS OLSON and BEAR

T-348 P.000/000 F-326

Attorney's Docket No. MICRON.172A

Page 2

Full name of second inventor: Sujit Sharap

Inventor's signature Sujit Sharap

Date 3/12/02

Residence: ~~1097 Melrose Street, #225, Boise, ID 83706~~ 5105 W. MONTEREY STREET, CHANDLER, AZ 85226

Citizenship: INDIA

Post Office Address: ~~1097 Melrose Street #225, Boise, ID 83706~~ 5105 W. MONTEREY STREET, CHANDLER, AZ 85226

Full name of third inventor: Paul Castroville

Inventor's signature Paul J. Castroville

Date Oct. 31 - 2001

Residence: ~~1097 Melrose Street, #225, Boise, ID 83706~~ 1814 N PLUMPTREE, BOISE, ID 83706

Citizenship: USA

Post Office Address: ~~1097 Melrose Street, #225, Boise, ID 83706~~ 1814 N PLUMPTREE, BOISE, ID 83706

Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

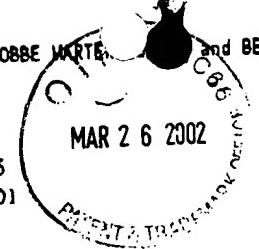
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From: KNOBBE MARTIN

and BEAR



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Filing Date: August 30, 2001

48 P.006/008 F-326

PATENT
Client Code: MICRON.172A
Page 1

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WHEREAS, We, Ammar Deraa, a United States citizen, residing at 1097 Melrose Street, #225, Boise, ID 83706, Suji Sharan, United States, 1097 Melrose Street, #225, Boise, ID 83706, have invented certain new and useful improvements in a METAL SILICIDE ADHESION LAYER FOR CONTACT STRUCTURES. Paul Castroville, United States, 1097 Melrose Street, # 225, Boise, ID 83706 for which we have executed an application for Letters Patent in the United States, on even date herewith:

AND WHEREAS, MICRON TECHNOLOGY, INC. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 8000 South Federal Way, Post Office Box 6, Boise, ID 83707-006, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof. We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, who shall be it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and general do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

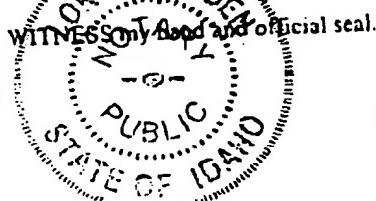
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31 day of Oct., 2001

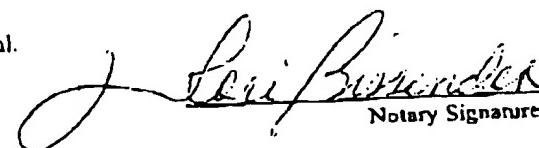

Ammar Deraa

STATE OF Idaho }
COUNTY OF Ada } ss.

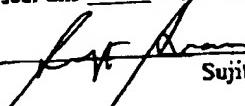
On 11/31/01, before me, Lori Bissenden, personally appeared Ammar Deraa personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity(ies), and that by their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Lori Bissenden

[SEAL]




Notary Signature

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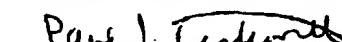
Application No.: Unknown
Filing Date: UnknownIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of March, 2001
Sujit SharanSTATE OF } ss.
COUNTY OF }

On _____, before me, _____, personally appeared Sujit Sharan personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31 day of October, 2001.
Paul CastrovilleSTATE OF Idaho } ss.
COUNTY OF Adair }

On 10/31/01, before me, Lori Bissenden, personally appeared Paul Castroville personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



[SEAL]

Notary Signature

